

Immunoassay of human interferon alpha - comprises recognising human interferon alpha by antibody supported on a carrier, etc.

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Abstract:

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Method comprises (i) recognising human interferon alpha by antibody (A) supported on a carrier, (ii) recognising the human interferon alpha by antibody (B) or antibody (B) derivative having different antigenic determinant from that of antibody (A) (at least one of antibody (A) and antibody (B) is monoclonal antibody), (iii) recognising the antibody (B) by a labelled specific antibody or recognising it by a labelled substance which is a substance other than antibody and binds specifically with the derivative part of the antibody (B) derivative, and (iv) determining the labelling substance.

A reagent for the immunoassay of human interferon alpha which contains (i) antibody (A) supported on a carrier, (ii) antibody (B) or antibody (B) derivative having different antigenic determinant from that of antibody (A), and (iii) a labelled specific antibody recognizing antibody (B) or a labelled substance binding specifically with the deriv. part of antibody (B) deriv. is also claimed.

USE/ADVANTAGE - As almost no background value is present and a dynamic range (in which a linearity holds) is wide in the method for the immunoassay, it is effective for monitoring the concn. of interferon alpha, which is often used as drug for hepatitis C in blood or body fluid.

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